

JF 09-240409 A

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DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[Field of the Invention] Attachment immobilization is carried out in the door opening periphery by the side of in the car [of the body], and this invention relates to the garnish member which built the air bag equipment which comes to have the inflator which supplies the gas for expansion in the air bag and the air bag.

[0002]

[Description of the Prior Art] Conventionally, as that by which air bag equipment is arranged to the part of the garnish member by the side of in the car, what is indicated by JP,6-227340,A (drawing 12 and 3 reference) is known.

[0003]

[Problem(s) to be Solved by the Invention] However, with the conventional structure, since it was the structure where attachment immobilization of the air bag and inflator of air bag equipment is carried out one by one with a garnish member at the body of a car, installation of the air bag equipment to the body of a car in the arrangement part of a garnish member or a garnish member was to take time and effort.

[0004] This invention solves an above-mentioned technical problem, and aims at offering the garnish member which built in the air bag equipment which can perform easily attachment immobilization on the car body of the air bag equipment and the garnish member in the arrangement part of a garnish member.

[0005]

[Means for Solving the Problem] Attachment immobilization of the garnish member concerning this invention is carried out in the door opening periphery by the side of in the car [of the body]. The body of a garnish of the shape of a long picture which is the garnish member which built in the air bag equipment which comes to prepare for an air bag and this air bag the inflator which supplies the gas for expansion, and is arranged at an in-the-car side, While hinge association is carried out by the rear-face side of this body of a garnish at said body of a garnish and having the fixed part which can be attached in said body It is tacking made possible of the attachment of said inflator and said air bag on said body to said fixed part, and is characterized by preparing the bracket which can maintain the folding condition of said air bag, and can be fractured at the time of expansion of said air bag in said fixed part.

[0006]

[Effect of the Invention] If the garnish member concerning this invention makes [tacking] it possible of the attachment immobilization of an air bag and an inflator on the body to a fixed part and attachment immobilization of the fixed part of a garnish member is carried out at the body, it can arrange an air bag and an inflator in a predetermined location to the body.

[0007] Therefore, while carrying out attachment immobilization of the fixed part at the body, attachment immobilization of an air bag and the inflator can be carried out easily at the body.

[0008] And after attachment immobilization, if the gas from an inflator is supplied in an air bag, an air bag makes the bracket which was maintaining the fold-up condition fracture, and in order to make a fixed part open further the body of a garnish by which hinge association is carried out,

trouble will not be produced in actuation of air bag equipment, either.

[0009] Therefore, before attachment immobilization on the body, since the garnish member concerning this invention is tacking carrying out of the air bag equipment, if a garnish member is beforehand arranged on the body, it can arrange air bag equipment in a predetermined location, and can perform easily attachment immobilization on air bag equipment or the body of a garnish member.

[0010]

[Embodiment of the Invention] Hereafter, 1 operation gestalt of this invention is explained based on a drawing.

[0011] As shown in drawing 12, the garnish member 10 of the 1st operation gestalt is arranged to the part of a roof side rail from the front pillar of the door opening periphery by the side of in the car, and builds in the air bag equipment M which comes to have the inflator 31 which supplies the gas for expansion to an air bag 25 and an air bag 25.

[0012] An air bag 25 is equipped with the body 27 of a bag which swells to rhombus tabular, and consists of a cylinder part 26 of the shape of a cylinder of an owner bottom, and a cylinder part 26. A cylinder part 26 constitutes a connection part with an inflator 31, and in the case of the operation gestalt, it is constituted so that an inflator 31 may be wrapped.

[0013] As shown in the point of the body 27 of a bag drawing 27 and 8, the piece section 29 of attachment of a square plate configuration is formed, and while mounting hole 29a is formed in the center at the piece section 29 of attachment, two stop hole 29b is formed in the perimeter of mounting hole 29a.

[0014] Moreover, as shown in the upper limb side of the body 27 of a bag between the cylinder part 26 which is the connection part of an inflator 31, and the piece section 29 of attachment like a point drawing 2-4, the piece section 28 of attachment of four square plate configurations is formed, and while mounting hole 28a is formed in the center at each piece section 28 of attachment, two stop hole 28b is formed in the perimeter of mounting hole 28a.

[0015] These piece sections 28-29 of attachment serve as a part which carries out attachment immobilization of the air bag 25 at the body 1 of a car while tacking carrying out of the air bag 25 to the fixed part 11 which the garnish member 10 mentions later. In addition, 2 is a weather strip.

[0016] As for the inflator 31, gas delivery 31a is formed at least in the point as the shape of a cylindrical shape. While this inflator 31 is covered by the cylinder part 26 of an air bag 25 and being tacking carried out to the fixed part 11 of the garnish member 10 using two clamps 35-35, attachment immobilization of it will be carried out at the body 1.

[0017] As shown in drawing 25 and 6, the cushioning material 38 which becomes the part which covers an inflator 31 the whole cylinder part 26 from rubber etc. as the shape of a belt formed in a cross-section abbreviation U typeface from synthetic resin, a sheet metal, etc. has been arranged, and the mounting hole 36 and the stop hole 37 have penetrated each clamp 35 in the part which covered and piled up the inflator 31 the whole cylinder part 26. The clip 40 which 14g of stop holes prepared in the fixed part 11 of the garnish member 10 is made to carry out an insertion stop, and carries out [tacking] of an inflator 31 or the air bag cylinder part 26 to them will be inserted in the stop hole 37, it will screw in mounting hole 1c of the body 1, and the bolt 44 which carries out attachment immobilization will be inserted in the body 1 in an inflator 31 or the air bag cylinder part 26 in a mounting hole 36.

[0018] It is formed from synthetic resin, such as polypropylene, and as the shape of a long picture of the shape of a typeface of "/*", while being arranged from a front pillar to the part of a roof side rail, possible [an aperture] at the time of the fixed part 11 by which attachment immobilization is carried out at the body 1, and expansion of an air bag 25, hinge association is carried out at a fixed part 11, the garnish member 10 is equipped with an air bag 25 and an inflator 31, and the body 20 of a garnish of two wraps and 21 consist of front view in them.

[0019] As shown in drawing 2-4, a fixed part 11 is equipped with the plate-like tie-down plate section 14, the piece section 12 of connection crooked and prolonged in the upper limb side of the tie-down plate section 14, and the receipt crevice 15 which extends in the shape of a cross section of L characters in the margo-inferior side of the tie-down plate section 14, and is

constituted.

[0020] Two or more integral hinges 13 are formed, and the upper limb side of the piece section 12 of connection is connected with each body 20-21 of a garnish.

[0021] As the tie-down plate section 14 is shown in drawing 56 near the part which arranges an inflator 31, corresponding to two clamps 35, every two 14f of mounting holes and 14g of stop holes are formed. Moreover, 14f of each mounting hole makes the bolt 44 as stated above insert in, and 14g of each stop hole stops the clip 40 as stated above.

[0022] Moreover, as shown in drawing 3 and 4, one mounting hole 14a and two stop foot 14c arranged to the perimeter are formed in the part corresponding to each piece section 28 of attachment of the air bag 25 of the tie-down plate section 14, respectively. Each mounting hole 14a makes the bolt 42 which carries out attachment immobilization of the garnish member 10 and each piece section 28 of attachment of an air bag 25 at the body 1 insert in. Each stop foot 14c is inserted in stop hole 28b of each piece section 28 of attachment of an air bag 25, and it achieves the duty which carries out [tacking] of the bracket 17 mentioned later while it achieves the duty which carries out [tacking] of the body 27 of a bag of an air bag 25 to a fixed part 11.

[0023] Furthermore, while 14d of mounting holes which make the bolt 43 for carrying out attachment immobilization of the piece section 29 of attachment and the garnish member 10 at a tip of an air bag 25 at the body 1 insert in the point of the tie-down plate section 14 as shown in drawing 78 is formed. Each stop hole 14e by which two stop hole 14e corresponding to each stop hole 29b of the piece section 29 of air bag attachment is formed in the perimeter of 14d of each mounting hole becomes the part which carries out the insertion stop of the stop foot 33b of the pressure plate 33 which carries out [tacking] of the piece section 29 of attachment to a fixed part 11.

[0024] In addition, mounting hole 33a in which a bolt 43 is made to insert is formed in the center of a pressure plate 33.

[0025] As shown in drawing 29, two or more stop hole 14b is formed in the piece section 12 side of connection of the tie-down plate section 14 further again. Such stop hole 14b carries out the insertion stop of stop foot 20b and the 21b of the body 20-21 of a garnish mentioned later, and achieves the duty it is made not to make the body 20-21 of a garnish open superfluously.

[0026] As the receipt crevice 15 is shown in drawing 2-4, it is the part which contains the body 27 of a bag of the folded-up air bag 25, and four brackets 17 are connected with the lower limit side through the integral hinge 16.

[0027] Each bracket 17 is equipped with the receipt crevice 19 connected to the integral hinge 16 with plate-like connection Itabe 18, and is constituted, and when it is made to rotate focusing on the integral hinge 16 so that a fixed part 11 may be covered, each connection Itabe 18 is stationed so that the arrangement part of each piece section 28 of attachment of an air bag 25 can be covered.

[0028] And mounting hole 28a of the piece section 28 of attachment, mounting hole 18a corresponding to stop hole 28b, and stop hole 18b are formed in each connection Itabe 18. Each stop hole 18b becomes the part which carries out the insertion stop of the stop foot 14c which carries out [tacking] of each piece section 28 of attachment, and each mounting hole 18a becomes the part in which the bolt 42 which carries out attachment immobilization of the garnish member 10 and the body 27 of a bag of an air bag 25 at the body 1 is made to insert.

[0029] Moreover, each receipt crevice 19 is made into the cross-section U typeface equipped with two side-attachment-walls sections 19b and 19c arranged at the both sides of bottom wall section 19a and bottom wall section 19a. It is considering as 19d of fracture schedule sections of thin meat so that near the intersection of side-attachment-wall section 19c and bottom wall section 19a can be fractured at the time of expansion of the air bag 25 (body 27 of a bag) folded up between the receipt crevices 15, 19.

[0030] base 20a and 21a which the body 20-21 of a garnish makes a cross section a U character configuration, respectively, and is connected with the integral hinge 13 of a fixed part 11, and epidermis layer 20c and 21c which fix to the front-face side of base 20a and 21a — since — it is constituted.

[0031] And stop foot 20b and 21b in which an insertion stop is possible are formed in stop hole 14b of the tie-down plate section 14 in a fixed part 11 at the rear-face side of each base 20a and 21a, respectively.

[0032] Below, it carries out [tacking] of the air bag equipment M to this garnish member 10, and the activity which carries out attachment immobilization is explained to the body 1 of a car. In addition, at this time, the body 20-21 of a garnish and each bracket 17 are opened.

[0033] And first, using the insertion hole which was prepared in the cylinder part 26 of an air bag 25 and which is not illustrated, an inflator 31 is arranged in a cylinder part 26, and a clamp 35-35 is put on the perimeter of the cylinder part 26.

[0034] Subsequently, as shown in drawing 6 , while inserting a clip 40 in the stop hole 37 of each clamp 35, 14g of stop holes in the fixed part 11 of the garnish member 10 is made to carry out the insertion stop of the clip 40, and it carries out [tacking] of an inflator 31 and the air bag cylinder part 26 to a fixed part 11.

[0035] Simultaneously, the body 27 of a bag of an air bag 25 is folded up, and it inserts into the receipt crevice 15 of a fixed part 11.

[0036] And make each stop hole 29b of the piece section 29 of attachment like the point of an air bag 25 in agreement with stop hole 14e of the tie-down plate section 14 in a fixed part 11, each stop hole 29b is made to insert in, and stop hole 14e is made to carry out the insertion stop of each stop foot 33b of a pressure plate 33, as shown in drawing 8 . Moreover, make drawing 4 stop stop hole 28 of each piece section of attachment 28b of air bag 25 b to stop foot 14c of the tie-down plate section 14 in the corresponding fixed part 11 so that it may be shown, further, bend each bracket 17 so that connection Itabe 14, a fixed part 11, may be covered, and each stop hole 18b of connection Itabe 18 is made to carry out the insertion stop of each stop foot 14c, and it carries out [tacking] of the air bag 25 to a fixed part 11.

[0037] Subsequently, if connection Itabe's 14 stop hole 14b in the corresponding fixed part 11 is made to carry out the insertion stop of stop foot 20b and the 21b of each body 20-21 of a garnish, the assembly A1 (refer to drawing 5) which made air bag equipment M build in the garnish member 10 can be formed.

[0038] and by the assembly operation of a car etc., in carrying out attachment immobilization of the garnish member 10 As each stop foot 20b and 21b are extracted from stop hole 14b, the body 20-21 of a garnish is opened and it is shown in drawing 3 , respectively, four bolts 42 As it is made to screw in mounting hole 1a of the body 1 and is shown in drawing 7 through mounting hole 18a of each bracket 17, mounting hole 28a of each piece section 28 of attachment, and each mounting hole 14a of the tie-down plate section 14 in a fixed part 11, one bolt 43 As it is made to screw in mounting hole 1b of the body 1 and is further shown in drawing 5 through 14d of mounting holes of mounting hole 29a of the mounting hole 33a and the piece section 29 of attachment of a pressure plate 33, and the tie-down plate section 14 in a fixed part 11, respectively, two bolts 44 If it is made to screw in mounting hole 1c of the body 1 through the mounting hole 36 of each clamp 35, and 14f of mounting holes of the tie-down plate section 14 in a fixed part 11, attachment immobilization of the garnish member 10 and the air bag equipment M can be carried out to the body 1.

[0039] And if each body 20-21 of a garnish is closed and stop hole 14b of the tie-down plate section 14 in a fixed part 11 is made to carry out the insertion stop of each stop foot 20b and 21b, an attachment fixed activity with the garnish member 10 to the body 1 and air bag equipment M can be made to complete. In addition, connection of the lead wire into which a predetermined active signal is made to input is carried out to an inflator 31.

[0040] Then, if an active signal is inputted into an inflator 31, gas is breathed out from gas delivery 31a, and it will make each body 20-21 of a garnish open, and while the body 27 of a bag of an air bag 25 makes fracture schedule section 19b of each bracket 17 fracture, as shown in the two-dot chain line and drawing 10 of drawing 12 , it will expand greatly.

[0041] In the garnish member 10 of the 1st operation gestalt, as mentioned above before attachment immobilization on the body 1 The clip 40 which stops the clamp 35 to which stop foot 33b, the air bag 25, and inflator 31 of a pressure plate 33 were connected, and stop foot 14c are used beforehand. Since it is tacking carrying out of the air bag equipment M to the tie-down

plate section 14 in a fixed part 11. If the fixed part 11 of the garnish member 10 is arranged on the body 1, air bag equipment M can be arranged in a predetermined location, and attachment immobilization on air bag equipment M and the body 1 of the garnish member 10 can be performed easily.

[0042] Moreover, in the garnish member 10 of the 1st operation gestalt, since it can be dealt with by eye tacking as an assembly A1 which built in air bag equipment M, it becomes convenient for conveyance, storage, etc. until it carries out attachment immobilization at a car.

[0043] And further, with the 1st operation gestalt, since the bolt 42-43-44 which carries out attachment immobilization of the air bag 25 and inflator 31 of air bag equipment M at the body 1 is shared with what carries out attachment immobilization of the garnish member 10 at the body 1, components mark and the man day of an attachment fixed activity can be reduced.

[0044] Moreover, with the 1st operation gestalt, since the body 27 of a bag which the air bag 25 folded up is pressed down with the bracket 17 by two or more places, at the time of needlessness, the body 20-21 of a garnish is made to open, and the body 27 of a bag is not hung down to in the car.

[0045] Next, if the 2nd operation gestalt is explained, the garnish member 50 of the 2nd operation gestalt will divide and lightweight-ize the fixed part 11 of the garnish member 10 of the 1st operation gestalt, as shown in drawing 11-16.

[0046] That is, a total of five fixed parts 51-65 by which hinge association is carried out prepares and consists of upper limb sides by the side of the rear face of the body 60-61 of a garnish of the shape of a long picture arranged at an in-the-car side. Four fixed parts 51 are arranged to the part corresponding to each piece section 28 of attachment of the body 27 of a bag of an air bag 25, and one fixed part 65 is arranged at the cylinder part 26 of an air bag 25.

[0047] And each fixed part 51 is formed from synthetic resin, such as polypropylene, as shown in 14, equips the body 1 with the piece section 52 of connection connected with the tie-down plate section 54 by which attachment immobilization is carried out at the drawing 12 - body 60-61 side of a garnish, and the receipt crevice 55 which extends in the shape of a cross section of L characters in the margo-inferior side of the tie-down plate section 54, and is constituted.

[0048] Each piece section 52 of connection equips the part by the side of the body 60-61 of a garnish with three communicating pore 52a as the shape of cross-section reverse of V characters with the integral hinge 53. Connection foot 60 d.61d formed in base 60a and 61a of the body 60-61 of a garnish is inserted in each communicating pore 52a, a heat caulking is carried out so that the tip of connection foot 60 d.61d may be extended, and the body 60-61 of a garnish is connected with each piece section 52 of connection.

[0049] in addition, base 60a and 61a which the body 60-61 of a garnish was formed from synthetic resin, such as polypropylene, like the body 20-21 of a garnish of the 1st operation gestalt, and made the cross section the U character configuration, and epidermis layer 60c which fixes to the front-face side of base 60a and 61a — since — it is constituted. While stop foot 60b and 61b in which an insertion stop is possible are formed in 1d (refer to drawing 11) of stop holes formed in the body 1, connection foot 60 d.61d as stated above is formed in the predetermined location of base 60a and 61a.

[0050] Two stop feet 54b and ** by which an insertion stop is carried out are formed in stop hole 18b of a bracket 17 at each tie-down plate section 54 with mounting hole 54a for making the bolt 42 corresponding to mounting hole 28a of the piece section 28 of attachment insert, and stop hole 28b of the piece section 28 of attachment.

[0051] Each receipt crevice 55 is a part which contains the body 27 of a bag of the folded-up air bag 25, and the bracket 17 is connected with the lower limit side through the integral hinge 16.

[0052] Each bracket 17 is equipped with connection Itabe 18 with mounting hole 18a and stop hole 18b, and the receipt crevice 19 with bottom wall section 19a, side-attachment-wall section 19b, 19c, and 19d of fracture schedule sections like the 1st operation gestalt, and is constituted.

[0053] Moreover, a fixed part 65 is formed from synthetic resin, such as polypropylene, as shown in drawing 11 and 15-16, equips the body 1 with the tie-down plate section 68 by which attachment immobilization is carried out, the piece section 66 of connection connected with the

body 61 side of a garnish, and the clamp section 69 prolonged in the shape of cross-section abbreviation for U characters in the margo-inferior side of the tie-down plate section 68, and is constituted.

[0054] The piece section 66 of connection is equipped with three communicating pore 66a which carries out insertion connection of the 61d of the connection feet of the body 61 of a garnish like the piece section 52 of connection of a fixed part 51 as the shape of cross-section reverse of V characters with the integral hinge 67.

[0055] Two stop feet 68b and ** by which an insertion stop is carried out are formed in mounting hole 68a in which a bolt 44 is made to insert, and stop hole 71b which the clamp section 69 mentions later at the tie-down plate section 68.

[0056] The clamp section 69 is equipped with the receipt crevice 70 of an approximate circle arc which covers an inflator 31 and the cylinder part 26 of an air bag 25, and connection Itabe 71, and is constituted. The receipt crevice 70 is making inner skin stick cushioning material 70b while being equipped with thin-walled part 70a so that it may be easy to extend. Stop hole 71b and ** by which an insertion stop is carried out are formed in mounting hole 71a in which connection Itabe 71 is made to insert a bolt 44 corresponding to mounting hole 68a of the tie-down plate section 68, and the stop foot 68 of the tie-down plate section 68.

[0057] In the garnish member 50 of the 2nd operation gestalt, the piece section 52-66 of connection of a fixed part 51-65 is made to connect air bag equipment M to the body 60-61 of a garnish beforehand using a heat caulking in the tacking female case, and each body 60-61 of a garnish and each fixed part 51-65 are opened.

[0058] And the cylinder part 26 is arranged in the receipt crevice 70 of the clamp section 69, connection Itabe 71 is bent so that connection Itabe 68 may be covered, and stop hole 71b is made to stop each stop foot 68b of connection Itabe 68, as an inflator 31 is arranged in a cylinder part 26 and shown in drawing 16 and 15 using the insertion hole which was prepared in the cylinder part 26 of an air bag 25 and which is not illustrated.

[0059] Subsequently, the body 27 of a bag of an air bag 25 is folded up, and it inserts into the receipt crevice 55 of each fixed part 51.

[0060] And each stop hole 29b of the piece section 29 of attachment like the point of an air bag 25 is made to carry out the insertion stop of the stop foot 33b, and a pressure plate 33 is attached in it at the piece section 29 of attachment. Moreover, make drawing 14 stop stop hole 28 of each piece section of attachment 28b of air bag 25 b to stop foot 54b of the tie-down plate section 54 in the corresponding fixed part 51 so that it may be shown, further, bend a bracket 17 so that each fixed part 51 may be covered, and each stop hole 18b of connection Itabe 18 is made to carry out the insertion stop of each stop foot 54b, and it carries out [tacking] of the body 27 of a bag of an air bag 25 to each fixed part 51.

[0061] Then, the assembly A2 (drawing 15 and 13 reference) which carried out [tacking] of the air bag equipment M to each fixed part 51-65 of the garnish member 50 can be formed.

[0062] and by the assembly operation of a car etc., in carrying out attachment immobilization of the garnish member 50 As the body 60-61 of a garnish is opened and it is shown in drawing 13, respectively, four bolts 42 Mounting hole 18a of each bracket 17, mounting hole 28a of each piece section 28 of attachment, And pass each mounting hole 54a of the tie-down plate section 54 in each fixed part 51. Make it screw in mounting hole 1a of the body 1, and pass mounting hole 29a of the mounting hole 33a and the piece section 29 of attachment of a pressure plate 33 in one bolt 43. It is made to screw in mounting hole 1b of the body 1 (refer to drawing 7, however the difference with drawing 7). it will be in the condition that there is no tie-down plate section 14 -- further, one bolt 44, as shown in drawing 15 If it is made to screw in mounting hole 1c of the body 1 through mounting hole 71a of the clamp section 69, and mounting hole 68a of the tie-down plate section 68 in a fixed part 65, attachment immobilization of the garnish member 50 and the air bag equipment M can be carried out to the body 1.

[0063] And each body 60-61 of a garnish is closed, and if 1d of stop holes which prepared each stop foot 60b and 61b in the body 1 is made to carry out an insertion stop, they can be made to complete an attachment fixed activity with the garnish member 50 to the body 1, and air bag equipment M. In addition, connection of the lead wire into which a predetermined active signal is

made to input is carried out to an inflator 31.

[0064] Then, if an active signal is inputted into an inflator 31, gas is breathed out from gas delivery 31a, and it will make each body 60-61 of a garnish open, and while the body 27 of a bag of an air bag 25 makes fracture schedule section 19b of each bracket 17 fracture, as shown in the two-dot chain line of drawing 11, it will expand greatly.

[0065] Since it has tacking carried out of the air bag 25 and the inflator 31 to the fixed part 51-65 beforehand as mentioned above in the garnish member 50 of the 2nd operation gestalt before attachment immobilization on the body 1, If the garnish member 50 is arranged on the body 1, air bag equipment M can be arranged in a predetermined location. Since the same operation and effectiveness as the 1st operation gestalt, like attachment immobilization on air bag equipment M and the body 1 of the garnish member 50 can be performed easily can be acquired, it is different from the 1st operation gestalt further and the fixed part 51-65 is divided, Lightweight-ization of the garnish member 50 can be attained. It becomes things.

[0066] In addition, although the 2nd operation gestalt showed what carries out [tacking] of an inflator 31 and the cylinder part 26 of an air bag 25 to a fixed part 65, a fixed part 65 is lost, sheathing of the two clamps 35 is carried out to a cylinder part 26, and you may make it attach each clamp 35-35 in the direct body 1 using two bolts 44. In this case, an air bag 25 and an inflator 31 serve as structure by which it is tacking carried out only to each fixed part 51 through the body 27 of a bag of the air bag 25 by which it is tacking carried out to each fixed part 51, and same operation and effectiveness can be acquired with the column of an effect of the invention as stated above having described even in this case.

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CLAIMS

[Claim(s)]

[Claim 1] It is the garnish member which mounting immobilization was carried out in the door opening periphery in the vehicle inside of the body, and built the air bag equipment which comes to have the inflator which supplies the gas for expansion in the air bag and this air bag. While hinge association is carried out at said body of a garnish by the rear-face side of the body of a garnish of the shape of a long picture arranged at the vehicle inside, and this body of a garnish and having the fixed part which can be attached in said body It is tacking made possible of the mounting of said inflator and said air bag on said body to said fixed part. The garnish member which built in the air bag equipment characterized by preparing the bracket which can maintain the folding condition of said air bag to said fixed part, and can be fractured at the time of expansion of said air bag.

[Translation done.]

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DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1] It is drawing showing the condition of having attached the garnish member of the 1st operation gestalt of this invention in the car.

[Drawing 2] It is drawing showing the condition of having opened the body of a garnish and bracket of this operation gestalt from the fixed part.

[Drawing 3] III-III of drawing 1 It is the sectional view of the garnish member of a part.

[Drawing 4] It is drawing showing the tacking mode of the air bag in the part shown in drawing 3 .

[Drawing 5] It is the sectional view of the garnish member of the V-V part of drawing 1 .

[Drawing 6] It is drawing showing the tacking mode of the air bag in the part shown in drawing 5 .

[Drawing 7] VII-VII of drawing 1 It is the sectional view of the garnish member of a part.

[Drawing 8] It is drawing showing the tacking mode of the air bag in the part shown in drawing 7 .

[Drawing 9] It is the sectional view showing the IX-IX part of drawing 1 .

[Drawing 10] It is the sectional view showing the time of expansion of the air bag in the part shown in drawing 3 .

[Drawing 11] It is drawing showing the condition of having opened the body of a garnish and bracket of the 2nd operation gestalt from the fixed part.

[Drawing 12] It is the partial decomposition perspective view of this operation gestalt.

[Drawing 13] It is a sectional view corresponding to drawing 3 of the 2nd operation gestalt.

[Drawing 14] It is drawing showing the tacking mode of the air bag in the part shown in drawing 13 .

[Drawing 15] It is a sectional view corresponding to drawing 5 of the 2nd operation gestalt.

[Drawing 16] It is drawing showing the tacking mode of the air bag in the part shown in drawing 15 .

[Description of Notations]

1 — Body,

10-50 — Garnish member,

11-51 — Fixed part,

13-16-53 — Integral hinge,

17 — Bracket,

20-21-60-61 — Body of a garnish,

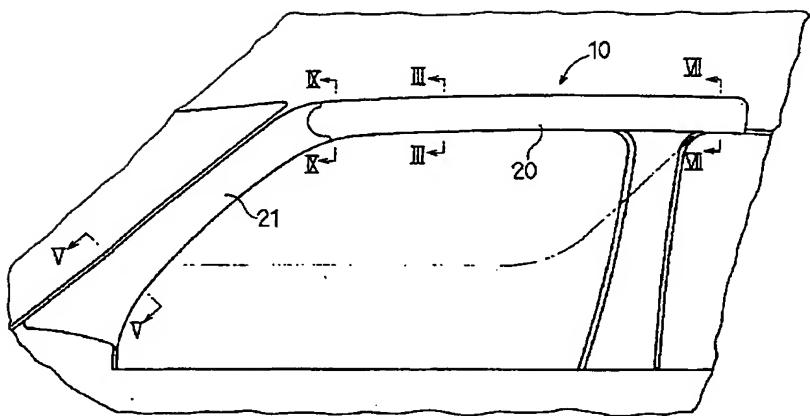
25 — Air bag,

31 — Inflator,

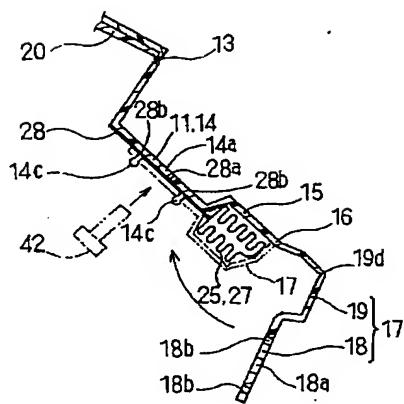
M — Air bag equipment.

[Translation done.]

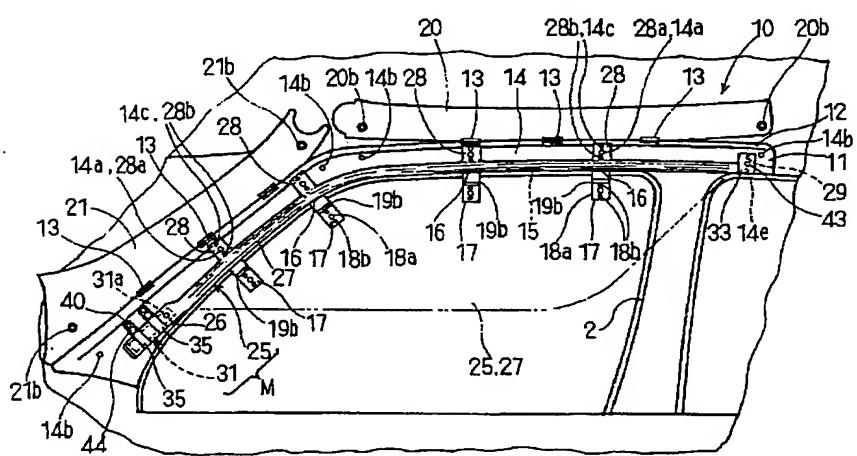
[图 1]



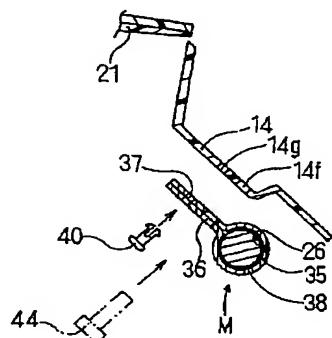
[図4]



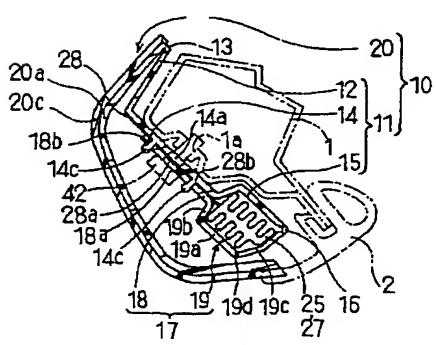
[图2]



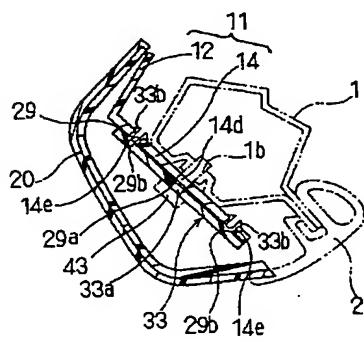
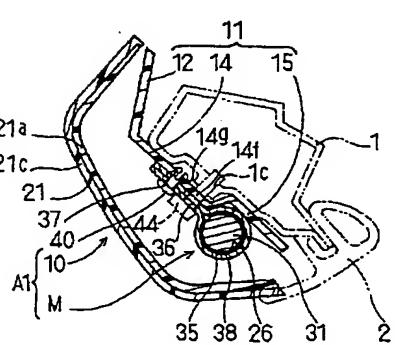
[図6]



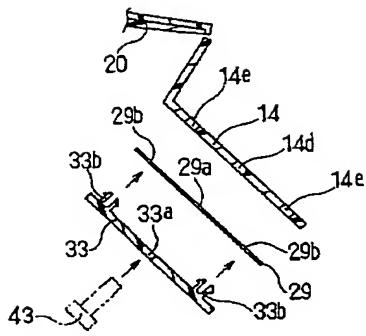
[図3]



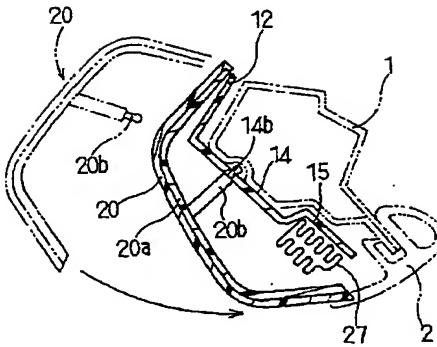
[図5]



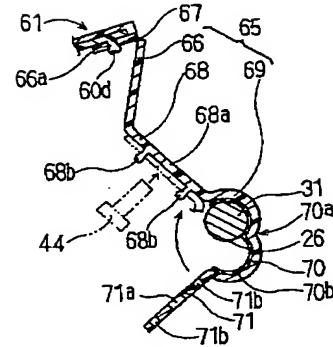
【図8】



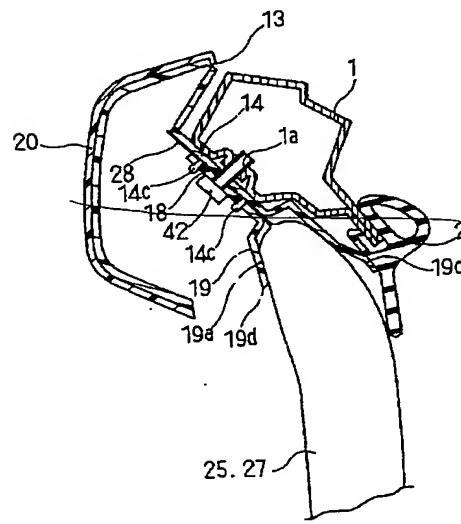
【図9】



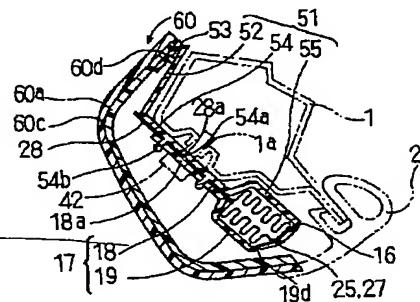
【図16】



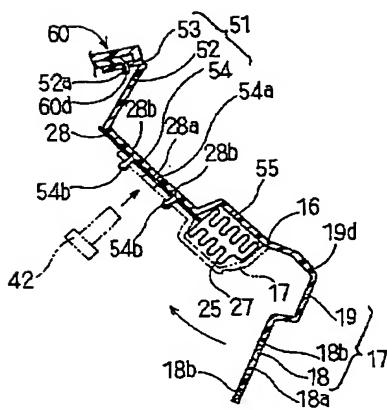
【図10】



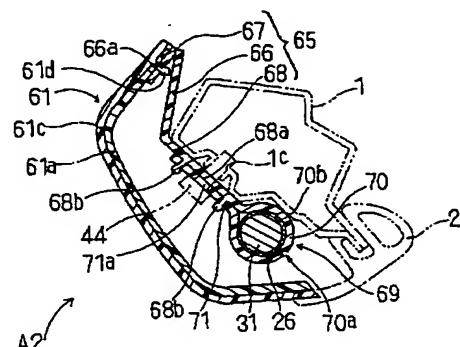
【図13】



【図14】

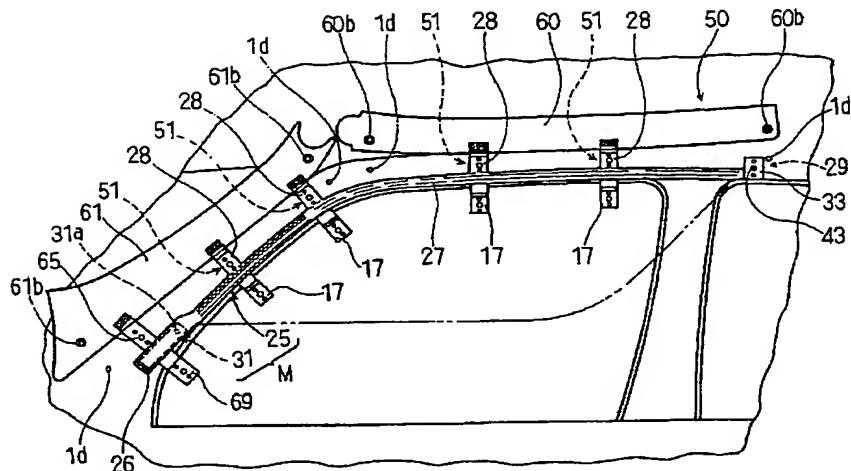


【図15】

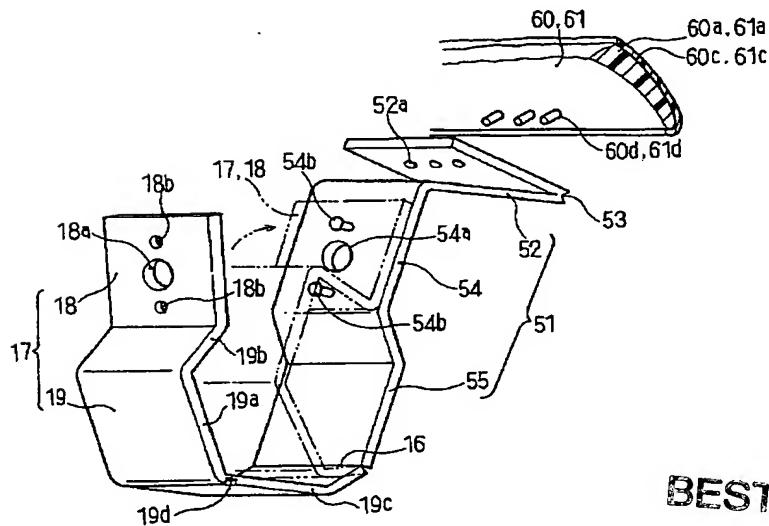


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【図11】



【図12】



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